

PTO/SB/08A (02-03)

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STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10757396	Not Yet Assigned
Filing Date	11/5/04	Herewith
First Named Inventor	Louis Nervegna	
Art Unit	2121	Not Yet Assigned
Examiner Name	W. Stark	Not Yet Assigned
Attorney Docket Number	MIT-046CUS	

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WES		US- 5,592,589	01/07/1997	Poon	
		US- 5,172,204	12/15/1992	Hartstein	
		US- 3,947,828	03/30/1976	Meijer	
		US- 5,204,937	04/20/1993	Minnaja	
		US- 6,507,828	01/14/2003	Leonard et al.	
		US- 5,315,162	05/24/1994	McHardy et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

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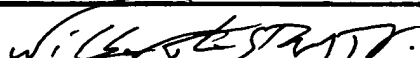
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	Art Unit	Not Yet Assigned
	Examiner Name	Not Yet Assigned
Sheet 2 of 2	Attorney Docket Number	MIT-046CUS

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		RAYMOND KURZWELL, The Emergence of True Machine Intelligence in the Twenty-First Century Page 507	
		T. TRIFFET, P. CALVERT AND T.W. HUNTOON, Transient Potentials Transmitted By An Artificial Electrochemical Synapse, Department of Material Science and Engineering, University of Arizona, Tuscon, AZ; 1991, Pages 283-289.	
		S.A. MAKHLISO, P. AEBISCHER, L. GIOVANGRANDI, H.J. BUHLMANN AND M. DUTOIT, A Biomimetic Materials Approach Towards The Development of A Neural Cell-Based Biosensor, 1996, Pages 81-82.	

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